

Beebe Healthcare
Margaret H. Rollins School of Nursing
Nursing 101 - Foundations of Nursing

Infection Control Class Prep 10/11/24

You will be required to complete the lesson on ATI, “Chain of Infection & Body Defenses.” You will complete the lesson (No need to print anything) and on this handout, write the proper order for the Chain of infection, an example of each of the components of the chain of infection, 3 nursing interventions and the rationale for doing them to protect against infections. Please submit this assignment electronically to Mrs. Wingate’s dropbox labeled, “Infection Control” **by 0830 on 10/11/24.**

******To access the assignment on ATI, follow these instructions: Log on to ATI, Go to the tab, “My ATI”, then look for the module, “Engage Fundamentals RN.” Click it and look for “Foundations of Nursing Practice” tab and click it. Next will be, “Infection Control & Isolation, then choose the lesson to the left called, “Chain of Infections & Body Defenses.”

For additional Learning: Fundamental Takeaways: Infection Control /Isolation Flashcards. (Optional)

Proper order of the Chain of Infection with an example of each:

1. Infectious Agent, something that contains bacteria, fungi, virus, or parasites like C-diff.
2. Reservoir is the habitat of the infectious agent, like contaminated hands, medical equipment, or feces.
3. A portal of exit which could be any body orifice like the ears, nose, mouth, or wound drain that the infectious agent can leave the body.
4. Modes of transmission is how the infectious agent moves through places through contact, droplet, and airborne transmission.
5. Portal of entry which can be any body orifice like ears, nose, mouth, or breaks in the skin where the infectious agent can enter the body.
6. Susceptible Host is needed for the infectious agent to become a reservoir for infection. Some people will become ill and show symptoms, but not all will. One example could be a client with a suppressed immune system.

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3 Nursing Interventions w/ Rationales:

1. Perform hand hygiene in order to stop the chain of infection and kill the infectious agent before introducing it to someone or something else.
2. Provide proper preoperative skin prep prior to surgery to eliminate the reservoir for the infection agents.
3. Ensure that ports and drains are properly cleaned and handled with gloves in order to prevent the portal of entry for the infectious agent.